

Research Concerning Holstein's and Prinzhorn's Formalism, by Yu. A. Izyumov, 4 pp.

RUSSIAN, per, Dok Akad SSSR, Vol. CXXV,  
No 6, 1959, pp 1227-1230.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol. IV, No 2

Sci

Dec 59

101, 847

A Question in Connection with the Principle of  
Reciprocity in Acoustics, by L. M. Ilyanshev,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp. 1231-1234.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 2

Sci

102,101

Dec 59

An Investigation of the Temperature Dependence  
of the Structural Diffusion Coefficient, by  
V. P. Tsvetkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,  
No 6, 1959, 1235-1237.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 2

Sci

Dec 59

101, 848

A Method for Taking Into Account Correlation  
in a Many-Particle System, by Ch'en Ch'un-  
hsien, 4 pp.

RUSSIAE, per, Dok Ak Nauk SSSR, Vol CXXV,  
No 6, 1959, pp 1238-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 2

Sci

Dec 59

101,849

Direct Measurement of Turbulent Heat Flow in the  
Surface Layer of the Atmosphere, by V. M.  
Bovsheverov, A. S. Gurvich, L. R. Tsvang, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
24 Apr 1959, pp 1242-1245.

Sci - Geophysics

Apr 60

USASIA Tran Log #1058

A. S. I.

OTS 5-2-32-12

115,016

On the Effect of Archimedean Forces on the Structure  
of the Temperature Field in a Turbulent Flow, by  
A. M. Obukhov.

RUSSIAN, per, AN SSSR, Doklady, Vol 125, No 6,  
1959, pp 1246-1248.  
Dept of Navy/APL/JHU T-2109

Sci/Phys  
Mar 68

351,001

Structure of the Temperature Field in Turbulent Flow, by A. M. Obukhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 6XXV, No 6,  
1959, pp 1246-1248.

AGI

Sci

Jun 61

152, 153

The Interpretation of Gravitational Anomalies Caused  
by Finite Cylindrical Bodies, by K. F. Tyapkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1249-1251.

AGI

Sci

May 61

Application of Asymptotic Integration of the  
Wave Equation to the Solution of Certain  
Waveguide and Resonator Problems, by A. Gutman,  
2 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXV,  
No 6, 1959, pp 1252-5.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol IV, No 2,

Sci

101,859

Dec 59

Investigation of the Mechanism of the Hydrolysis  
of Nitro-Substituted Aryl Sulfonates by Means of O<sub>18</sub>,  
by R. V. Vizgert, E. K. Savchuk, M. P. Ponomarchuk,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6, 1959,  
pp 1257-1259.

Consultants Bureau

Sci

119,526

Jun 60

A Method for the Synthesis of Monoesters of  
Phosphorous Acids, by M. I. Kraschnik, E. N.  
Tsvetkov, Chung-Yu Chang, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,  
No 6, 1959, pp 1260-1262.

Consultants Bureau

Sci

119,527

Jun 60

Synthesis of Polymerizable Triallyl(aryl)amino Methacrylates, by M. M. Kotov, T. N. Kiseleva, V. A. Paribok, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 1-6,  
Chemistry Section, 1959, pp 1263, 1264.

Consultants Bureau

Sci

Jun 60

Catalytic Hydrogenation of Diene Hydrocarbons With  
an Isolated System of Double Bonds in the Presence of  
Platinum and Palladium, by B. A. Kozanskiy, I. V.  
Gostunskaya, A. I. Leonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6,  
1959, pp 1264, 1267.

Consultants Bureau

Sc1

Jun 60

Organometallic Compounds From Double Salts of Metal Halides and Halonium Compounds, by A. N. Nesmeyanov, O. A. Reutov, T. P. Talstaya, O. A. Ptitsyna, L. S. Isayeva, M. F. Turchinskii, G. P. Bochkareva, 4 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol CXXV,  
No 6, 1959, pp 1265-1269.

Consultants Bureau

Sci

119,528

Jun 60

On Some Alkylcyclopentylbenzenes, by L. S. Polzovskaya,  
M. V. Shishkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1269-1271.

Consultants Bureau

Sci

119,549

Jun 60

Dehydrogenation of n-Hexane Over Alumina-Cerium Catalyst, by E. A. Timofeyeva, N. I. Chuklin, Yu. P. Plotnikov, V. M. Kleimenova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 6,  
1959, pp 1272-1274.

Consultative Bureau

119,550

Sci

Jun 60

The Effect of Surface Hydration on the Adsorption of  
Aliphatic Alcohols (from solution) on Silica, by  
L. G. Ganichenko, V. F. Kiselev, M. G. Krasil'nikov  
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,  
1959, pp 1277-1280.

Consultants Bureau

Sci

Apr 60

114,974

Syntheses and Properties of Alkylinidene Dihyd  
Substituents in the Five-Membered Ring, by  
A. V. Topchiev, N. E. Tsytovich, E. S.  
Petrovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,  
1959, p 1275-.

Consultants Bureau

119,551

Sci

Jun 60

Certain Regularities in the Properties of  
Solutions of Strong Electrolytes, by A. I.  
Gorbunov, Yu. M. Kessler, Yu. M. Povarov,  
B. S. Sevost'yanov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1281-1284.

Consultants Bureau

Sci  
Apr 60

114 975

Concerning the Mechanism of the Intercrystalline  
Corrosion of Stainless Steels in Nitric Acid  
by A. I. Krasil'shchikov, L. M. Volchkova, I. K.  
Burtseva, V. D. Plyasunov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1285-1287.

Consultants Bureau

Sci

Translators

Apr 60

Vol 1-16

114 976

Certain Details of the Cathodic Process on Stainless  
Steels in Nitric Acid Solutions, by E. N. Mirolyubov,  
M. M. Kurtepov, N. D. Tomashov, 4 p.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIV, No 6,  
1959, pp 1288-1291.

Consultants Bureau

Sci  
Apr 60

114,811

S-138/60

(NY-3709).

Investigation of the Density Distribution  $n$  in the Detonation Front of Gas Mixtures by the X-Ray Examination Method, by M. A. Riven, Ya. B. Zel'dovich, V. A. Tsukerman, V. V. Sof'ina, A. S. Beregovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6, 1959, pp 1292-1293.

JPRS 2539

Sci - Phys  
Apr 60

114, 712

An X-Ray Method of Studying the Density on the Detonation Front of Gaseous Mixtures, by M. A. Rivin, Ya. B. Zel'dovich, V. A. Tsukerman, V. V. Sofina, A. S. Beregovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6, 1959, pp 1292-1293.

Consultants Bureau

Sci

Apr 60

The Colloidal State of Dyes and Metachromatism, by  
M. V. Savost'yanova, L. G. Matsinova, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1294-1297.

Consultants Bureau

Sci

Apr 60

114, 812

The Oxidizing Properties of Atomic Hydrogen  
in the Radiational Oxidation of Divalent Iron  
Ions, by V. N. Shubin, E. I. Dolin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1298-1300.

Consultants Bureau

Sci  
Apr 60

114,813

The Effect of Oxidation Products on the Oxidation Kinetics of Hexadecane, by V. M. Yur'ev, A. N. Pravednikov, S. S. Medvedev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6, 1959, pp 1301-.

Consultants Bureau

Sci

Apr 60

New Data on the Permian Deposits of Northern Pamir, by B. P. Barkhatov, A. D. Miklukho-Maklay, E. F. Roman'ko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,  
1959, pp 1303-1306.

AGI

Sci.

Jun 61

152, 144

The Problem of the Origin of the Red Beds of  
Chaleken Peninsula. An Experiment on the Use of  
Absolute Age of Clastic Minerals for the Solution  
of Problems of Lithology and Paleogeography, by  
A. B. Vistelius, 3 pp.

RUSSIAN, per, Dok, Ak Nauk SSSR, Vol CXIV, No 6,  
1959, pp 1307-1310.

AGT

Sci

152, 145

Jun 61

Features of the Structure and Formation of the  
Kama-Kinel' Depression in the Kuibyshev Trans-  
Volga Region and Tataria, by M. M. Grachevskiy,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1311-1314.

AGI

Sci

Jun 61

152, 146

The Association Between the Dimensions of Mixing  
Fields and Their Principal Geochemical Features,  
by M. A. Karasik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1315-1316.

AGI

Sci  
Jun 61

152, 147

On the Occurrence of Severe Oil Discharges near  
the Southern Border of the Russian Platform,  
by N. A. Krylov, A. I. Letavin, Ya. P. Malovitskiy,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1319-1322.

AGI

Sci.

Jun 61

152, 148

The Kizel Horizon of the Southwest Part of the  
Birsk Saddle, by O. A. Lipina, O. M. Mkrtchyan,  
R. O. Khachatryan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1323-1325.

AGI

Sci

May 61

The Mongolo-Siberian Anticyclone and the  
Regional Zonation of the Eolian Deposits of  
Central Asia, by V. M. Sinitavy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1326-1328.

A/H

Sci

Jun 61

152, 149

The Paleozoic Pseudoconglomerates of northern  
Karelia and the Kola Peninsula, by K. A. Shurkin,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1329-1332.

AGI

Sci

Jun 61

152, 15-0

The Stratigraphic Subdivision of the Upper Lower Cretaceous Deposits of the Northeastern Caucasus, by L. I. Gorbulova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 6, 1959, pp 1333-1336.

AGI

Sci

Jun 61

152, 167

The Origin of the Oval Forms of Granite Pegmatites,  
by N. N. Mart'yanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1337-1340.

AGI

Sci

Jun 61

152, 168

Basic Rocks of the Crystalline Basement of the  
Belorussian-Lithuanian Massif, by A. M. Pap,  
3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1341-1344.

ACII

Sci

Jun 61

152, 169

Radiation resistance in Caspian sturgeon, *Acipenser baerii*,  
Baburina, N. D. Kovaleva, 4 pp.

RUSSELM, per, Dok Ak Nauk SSSR, Vol CXIV,  
No 6, 1925, pp 1349.

Amer Inst of Biol Sci.

Sci

Dec 59

103, 894

The Combined Effect of Physical and Chemical  
Mutagens on Mutation in Polygenic Systems of  
Microorganisms (The Erythromycin Productive  
Actinomyces erythrus), By S. I. Alikhanyan,  
V. D. Zhdanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,  
1959, pp 1353.

Amer Inst of Biol Sci

Sci

103,887

Dec 59

A Peculiar Algal-Lichen Type of Symbiosis,  
by G. I. Goryacheva, 3 pp.

RUSSIAN, per Dokl Akad Nauk SSSR, Vol CXIV, No 6,  
1959, pp 1355-.

Amer Inst of Biol Sci

Sci

Dec 59

103, 898

The Competition for Nutrient Substances and  
Regenerative Processes in Plantings in the  
Steepe Zone, by V. G. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,  
No 6, 1959, pp 1363-.

Amer Inst of Biol Sci

Sci

Dec 59

102, 031

The Ability of Higher Plants to Split the Benzene  
Ring Deep Oxidation of C<sup>14</sup>-Catechins in Tea Sprouts,  
By M. N. Zepromatov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1359-

AIBS

Sci  
Nov 59

101,003

Correlation Between Optical Properties of Plant Leaves and Their Chlorophyll Content, by I. A. Shul'gin and A. M. Klechin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 6, 1959, pp 1371--.

Amer Inst of Biol Sci

Suf

Dec 59

102, 13.2

The Effect of Fertilizer on the Composition of  
the Ascending Stream in Grape Vines, by K. D.  
Stoyev, P. N. Manarov and I. B. Bonchev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1367-1370.

Amer Inst of Biol Sci

Sci

Dec 59

102, 130

Analysis of Bioelectrical Potentials Developing  
in the Cerebellar Cortex on Stimulating Various  
Afferent Nerves, by K. M. Kullanda, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 5,  
1959, pp 3378.

Amer Inst of Biol Sci

sl6

Dec 59

103 912

An Analysis of the Ameliorative Effect of Heat  
Treating Silkworm (Bombyx Mori L.) Eggs In-  
fected with Pebrine (Nosema bombycis Neeg.) by T.  
A. Bednyakova, V. N. Vereiskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 6,  
1959, pp 1386-1389.

Amer Inst of Biol Sci

Sci

Dec 59

103, 903

The Functional Significance of  
Hyaluronidase in Teleost Sperm, by G. A.  
Buznikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXV, No 6,  
1959, pp 1382.

Amer Inst of Biol Sci

Sci

Dec 59

103 872

The Structure and Histological Nature of a  
Cysticercus Integument, by E. D. Logachev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 6,  
1959, pp 1390.

Amer Inst of Biol Sci

Sci

Dec 59

103, 904

The Development of a System of Neuroepithelial  
Follicles in Larvae of the Aral Sturgeon  
Scipenser nudiventris Lov, by N. I. Dragomirov,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,  
1959, pp 1374.

Amer Inst of Biol Sci

Sci

Dec 59

103,874

On Minerals of Series eux Polycrase and Priorite-  
Blom-Strandine, by A. I. Komkov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,  
1959.

Library of Geological  
Survey of Canada

Sci  
Jun 61

153, 619

Analysis of a Mixture of Dimethyl Esters of  
Benzene dicarboxylic Acids by Means of Gas-Liquid  
Chromatography, by R. Kosers, V. Bazant, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1-6,  
Chemistry Section, 1959.

Consultants Bureau

Sci

Jun 60

Sarmanov, O. V. and Vistelyus, A. B. ON CORRELATION AMONG PERCENTAGE QUANTITIES. [1962] 7p. 3 refs. Order from OTS or SLA \$1.10	62-16442 I. Sarmanov, O. V. II. Vistelyus, A. B.
Trans. of <u>Akademiya Nauk SSSR, Doklady,</u> 1959, v. 126 [no. 1] p. 22-25.	
DESCRIPTORS: *Correlation techniques, *Statistical functions, Statistical analysis.	
Two cases are pointed out, in which, working with percentage quantities obtained from observations, one can determine the true coefficient of correlation between the original quantities, which are un-observable. (Author)	
(Mathematics, TT, v. 9, no. 6)	Office of Technical Services

Composite Beams (or Rods) as a Means of  
Raising Load Capacity and Preventing  
Fracture at Positions of Concentrated Stresses. by  
G. V. Uzhik, 3 pp.

RUSSEAN, per, Dok Ak. Nauk SSSR, Vol CXVII, No 1,  
1959, pp 41-.

Amer Inst of Phys  
Vol IV, No 3

Sci

104, 971

Jan 60

On an Algorithm for Quantum Mechanics, by  
I. S. Arzhanykh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,  
No 1, 1959, pp 45-48.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 60

104,968

Integral Equations for an Antenna in the Form  
of a Body of Revolution with an Impedance  
Surface, by M. N. Goryain, 4 pp.

RUSSELM, per, Dok Ak Nauk SSSR, Vol 67(4), No 4,  
1959, pp 49-.

Annals of Phys  
Vol IV, No 3

Sci

104, 969

Jan 60

Retarded and Advanced Green Functions for quantum field  
Physics, by M. N. Bogolyubov, S. V. Tyapkin, 1959,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 63(6),  
No 1, 1959, pp 53-.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jun 60

104,976

Spectroscopic Determination of the Spin  
of the Lu<sup>176</sup> Nucleus, by N. I. Kaliteyevskiy,  
M. P. Chaika, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,  
No 1, 1959, pp 57-.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 00

Determination Spectroscopique du Spin Noyau du  $^{176}\text{Lu}$ , (Spectroscopic Determination of the Spin of Lu<sup>176</sup>), by N. I. Kaliteyevskiy, M. P. Chaika, 7 pp.

RUSSIAN TO FRENCH, par, Dok Ak Nauk SSSR, Vol CXXVI,  
1959, pp 57, 58.

Reverse Trans  
CEA Tr-R-793

Sci  
27 Oct 60

The Influence of the Wind on the Evaporation from a  
Circular Reservoir, by L. S. Gantin, R. E.  
Soloveichik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 59-62.

AGY

Sci

Jun 61

152, 206

The Investigation of Medium-Scale Horizontal  
Turbulent Exchange in the Ocean Using Radio-  
location Observations of a Floating Buoy, by  
R. V. Ozmido<sup>v</sup>, 3 pp.

RUSSIAN, par, Dok Ak Nauki SSSR, Vol CXXVI, No 1,  
1959, pp 63-65.

AGI

Sci

Jun 62

152, 207

The Many-Year Average of the Drift of Ice in the  
Central Arctic Basin, by A. I. Fel'zenbaum, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 66-69.

AGI

Sci

Jun 61

152, 208

The Effect of Prior Deformation of the Plasticity  
of Aluminum, by V. D. Kuznetsov, A. I.  
Leskutov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 70-73.

Amer Inst of Phys  
Vol IV, No 3

Sci

104,992

Jen 60

The Kinetics of Condensation of Metals in  
vacuo, by L. S. Palatnik, Yu. F. Komnik,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 74-77.

Amer Inst of Phys  
Vol IV, No 3

Sci

104 993

Jan 60

The Reducting Power of Liquid Metals, by ...  
M. Samarin, D. Ya. Svet, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHXVI, No 1,  
1959, pp 78-.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 60

104, 994

On The Nature of the Glow of Marble, by  
L. G. Berg, I. I. Averko-Antonovich. 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,  
No 1. 1959, pp 81-

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 60

Reactions of Polymerization and the Structure of  
Mixed Polymers of the Acrylic Series, by A. I.  
Berlin, G. L. Popova, E. F. Izosjeva, 4 pp.

RUSSEAL, per, Dok Akad SSSR, Vol CXXVII, No 1,  
1959, pp 83-85.

Consultants Bureau

Sci

119,480

Jun 60

Photodissociation of Nitro Compounds of the  
Triphenylene Series in the Presence of Honey Nickel,  
by Ya. L. Col'deva, M. M. Polonskaya, B. P.  
Fabritchnyi, I. F. Sholevina, 4 pp.

RUSSIAN, ver., Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 86-89.

Consultants Bureau

Sci

119, 481

Jun 60

Study on the Dielectrochemical Condensation of  
the Mono-2-Ethylhexyl Ester of Adipic Acid,  
by A. N. Kurneva, M. Ya. Fischin, A. N. Kurnev,  
Yu. B. Vasil'yev, L. A. Muzychenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,  
No 1, 1959, pp 90-92.

Consultants Bureau

Sci

119-482

Jun 60

A Low Order of Polymorphic Conversion of  
 $\text{Hg}_2\text{Cl}_4$ , by A. V. Novoselov, Yu. V. Orlova,  
Yu. P. Sizunov, L. M. Kovba, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVI,  
No 1, 1959, pp 93-96.

Consultants Bureau

Sci

119 463

Jun 60

Solubility of the System Na, Mg : Cl, HCO<sub>3</sub> - H<sub>2</sub>O, by  
A. M. Ponizovskiy, N. M. Vladimirova, 2 pp.

RUESSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1-6,  
1959, Chemistry Section, pp 97, 98.

Consultants Bureau

Sci

Jun 60

Synthesis of Derivatives of 1, 6-Dioxaspiro-(4, 4)-  
Nonene-3 by Electrolytic Alkoxylation of  $\gamma$ -Furylalkenols,  
by A. A. Ponomarev, I. A. Markushina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 99-102.

Consultants Bureau

119,484

Sci

Jun 60

Catalytic Polycyclization of Higher Alkanes, by  
N. I. Shuikin, N. G. Bekauri, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 103-106.

Consultants Bureau

Sci

119,485

Jun 60

Catalytic Dehydrogenation of Ethanol on  
Ceriumum, by V. M. Frolov, O. V. Krylov,  
S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,  
No 1, 1959, pp 107-.

Consultants Bureau

119,486

Sci

Jun 60

Injection and Extraction of Minority Current Carriers on the Surface of ~~HEAVIEST~~ Germanium Electrode as a Result of Electrochemical Processes,  
by Yu. V. Pleskov, ~~MECHAN~~ 5 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CXVI, No 1,  
1959, pp 111-114.

MDP-P-135.

Sci  
Nov 59

CR

101, 332

Ring Disc Electrodes, by A. N. Brumkin, L. I.  
Nekrasov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,  
No 14, 1959, pp 115-118.

CB

Sci

Aug 60

124, 200

Dependence of the Rate of an Acid-Catalyzed Reaction  
on the Basicity of the Reagent in the Case of "General  
Acid Catalysis", by Yu. L. Khaldina, A. I. Tal'vik,  
V. A. Pal'm, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1-4,  
1959, pp 119-122.

CB

Sci  
Aug 60

124,199

1  
Aftereffects of the Irradiation of Methyl Methacrylate in the Presence of Oxygen, by B. L. Tsetlin, V. A. Sergeyev, S. R. Rnzikov, V. V. Korshak, P. Ya. Glazunov, L. D. Babis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,  
No 149, 1959, pp 123-125.

CB

124,202

Sci  
Aug 60

Mechanism of the Radiation-Induced Decomposition  
of Hydrogen Peroxide, by B. V. Ershler, M. A.  
Nezhevenko, G. G. Myasishcheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1-6,  
1959, pp 126-~~309~~.

CB

Sci  
Aug 60

124, 203

Russia Wood of Cypress inaylion Cupressaceae  
Mosses in Deposits of the Suifen Series (South  
Primorie), by G. S. Ganeshin, I. A. Shilkina,  
3 pp.

RUSSIAN, yew, Dok Ak Nauk SSSR, Vol. CXVI, No 1,  
1959, pp 131-133.

AGI

Sci

152, 176

Jun 61

Some Laws Governing the Recent Tectonics of Local  
Structures of the Volga Region and the North  
Caucasus, by S. K. Gorlov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 134-136.

AGI

Sci

Jun 61

152, 177

Dnestr Region, by I. D. Gofshstein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 138-141.

AII

Sci

Jun 61

152, 178

Ore Pebbles in Rocks of the Hanging Wall of the Urup  
Copper Pyrite Deposit in the North Caucasus, by V. I.  
Smirnov, T. Ya. Goncharova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 142-143.

AGI

Sci

May 61

The Rhenomite Age of the Rocks of the northern part of the  
Platform, by I. E. Starik, M. G. Ravich, A. Ye.  
Krylov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 144-146.

AGI

Sci

Jun 61

152, 179

Traps of Differentiated Intrusions on the River  
Bakhta and in the Lower Reaches of the Stony  
Tunguska (Western Part of the Siberian Platform),  
by L. P. Khryanina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 147-150.

AGI:

Sci

152, 180

Jun 61

The Crystalline Structure of Tricalcium Silicate  
Hydrate, by Kh. S. Mamedov, N. F. Klevtsova,  
N. V. Belov, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1999 pp 151-154.

AGI

Sci

Jun 61

152, 216

Mamedov, Kh. S., Klevtsova, R. F., and Belov, N. V.  
ON THE CRYSTALLINE STRUCTURE OF TRICALCIUM SILICATE HYDRATE TSH:  $6\text{CaO} \cdot 2\text{SiO}_2 \cdot 3\text{H}_2\text{O}$   
 $\text{Ca}_6[\text{Si}_2\text{O}_7](\text{OH})_6 \cdot \text{Ca}_4[\text{Si}_2\text{O}_7](\text{OH})_2 \cdot 2\text{Ca}(\text{OH})_2 \cdot (\text{O}$   
Kristallcheskoy Strukture Gidrosta Tricalciumo Silikata) tr. by G. N. Gibson. Nov 59, 6p. 7 refs.  
LC-926; MI825.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-13149

Trans. of \*Akademiya Nauk SSSR. Doklady, 1959,  
v. 126, no. 1, p. 151-154.  
Another translation is available from AGI.

(Physica--Solid State, TT, v. 5, no. 2)

61-13149

1. Calcium silicates--Crystal structure
2. Hydrates--Crystal structure
- I. Mamedov, Kh. S.
- II. Klevtsova, R. F.
- III. Belov, N. V.
- IV. LC-926
- V. DSIR LIU M. 1825
- VI. Department of Scientific and Industrial Research (Gt. Brit.)

142, 812  
Office of Technical Services

A Find of Seyrigite in the Northeast of the USSR,  
by L. V. Firsov, 1 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 155-156.

AGI

Sci

May 61

Ussurite - A Special Variety of Alkali Basalt Rocks,  
by G. M. Gapeyeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 157-159.

AGT

Sci

May 61

The Migration of Argon and Helium in Certain Rocks and Minerals, by I. Amirkhanov, S. E. Brandt, G. V. Voytkevich, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 160-162.

AGI

Sci

May 61

Free Hydrogen Sulfide and Iron Sulfide in the  
Sediments of the Black Sea, by I. I. Volkov,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 163-166.

AGI

Sci

Jun 61

152, 178

The Importance of Soil Microflora in the Migration  
of Cobalt and the Adaptation of Microorganisms to  
the Medium in Biogeochemical Provinces with Dif-  
ferent Cobalt Contents, by V. V. Koval'skiy,  
S. V. Letunova, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 167-170.

AGI

Sci

Jun 61

152, 171

Nuclear Volume Change in an HER-2 Culture Under  
the Influence of Smallpox Vaccine, by Ia. B.  
Khesin, O.F. Sarycheva, Yu. N. Mastyukova,  
4 pp.

RUSSIAN, per Dek Ak Nauk SSSR, Vol CXXVI,  
No 1, 1959, pp 175-.

Amer Inst of Biol Sci

Sci

Jan 60

106,852

The Genetic Action of the After-effect of Visible Light, by N. P. Dubinin, B. N. Sidorenko, and V. N. Solomin, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 179-182.

Amer Inst of Biol Sci

Sci

Jan 60

106,861

Experimental Polyploidy in Populus tremula L.  
N. V. Mutskevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 183-.

Amer Inst of Biol Sci

sbc

Jan 60

106,863

The Effect of Co<sup>60</sup> Gamma Rays on the Early Stages of Embryogenesis in Rabbits. I. R. I. Nuzhdin, G. V. Nizhnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 4, 1959, pp 187-190.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 60

105,005

The "Oxygen Effect" Observed in Radiation Injury of Plant and Animal Cells, by N. I. Shapiro, E. M. Bocharova, N. V. Belitsina,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1959, pp 191-.

Amer Inst of Phys  
Vol IV, No 3

Sci

105,006

Jan 60

Enzymatic Oxidation of Plant Lipids Under the  
Action of Ionizing Radiation, by E. V. Budnitskaya,  
I. G. Borodisova, 3 pp.

RUSSELM, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 195-197.

Amer Inst of Biol Sci

Sci

Jan 60

105,623

Effect of Deoxyribonuclease on Oxidation of  
Malic Acid by Micrococcus lysodeikticus Lysates,  
by N. S. Gel'man, I. G. Zhukova, A. I. Oparin,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 198, 199.

Amer Inst of Biol Sci

Sci

Jan 60

105 622

Amino Acid Composition of Egg Proteins From Hens  
Maintained Under Different Living Conditions, by  
S. K. Karapetyan, N. G. Mirkayelyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,  
1959, pp 200-.

Amer Inst of Biol Sci

Sci

Jan 60

105,624